

25 FEBRUARY 1957

MEMORANDUM FOR: THE RECORD

SUBJECT : DISCUSSION OF 35MM TIME-SEQUENCE CAMERA.

1. TIME AND PLACE OF MEETING: 12 FEBRUARY 1957, ROOM 107, WESTOUT BUILDING.2. ATTENDANCE: TSS/APD, TSS/PSD.3. DISCUSSION: DESCRIBED A UNIVERSAL TYPE, 35MM, TIME-SEQUENCE CAMERA BEING DESIGNED FOR THE AGENCY BY THE FOLLOWING FEATURES WERE MENTIONED:

A. SIZE AND SHAPE TO APPROXIMATE THAT OF A CIGAR BOX.

B. FILM SIZE - 35MM.

C. FILM CAPACITY - 100' TO 1,000' THROUGH THE USE OF EXTERNAL MAGAZINES.

D. INTERVAL BETWEEN EXPOSURES - VARIABLE, FROM 1 TO 60 SECONDS.

1 MIN To 1 HOUR

E. NOISELESS OPERATION.

F. SHUTTER - ROTARY TYPE WITH EXPOSURES FROM $1/10$ TO $1/800$ SECOND AND "BULB".

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G. BRACKETS FOR MOUNTING ON TELEPHONE POLE, ETC.

H. POWER SUPPLY - 12V, SILVER CELL BATTERY, IN SEPARATE HOUSING.

I. PULSE SWITCH (FOR RADIO OR REMOTE CONTROL).

2" 4" 6" 12" 18" 2"

J. LENSES - WOLLENSAK SERIES, FROM 35MM TO 1,000MM.

K. AUTOMATIC DIAPHRAGM FOR LENSES UP TO 400MM. 2 4"

L. FORMAT - 1" x 1".

M. UNIT WILL BE SEALED AND WATERPROOF. ONE PROTOTYPE UNIT IS UNDER CONSTRUCTION.

4. PSD REQUESTED/

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4. PSD REQUESTED:

- A. AN OPPORTUNITY TO VIEW THE WORK IN PROGRESS OR AT LEAST HAVE AN OPPORTUNITY TO DISCUSS THE BLUEPRINTS.
- B. FOUR PROTOTYPE UNITS INSTEAD OF ONE.
- C. NICKLE CADMIUM BATTERIES (WITH CHARGER AND CASE) IN ADDITION TO THE SILVER CELLS SUPPLIED.
- D. AN INCREASE IN THE INTERVAL RANGE TO 30 MINUTES. [REDACTED] WAS OF THE OPINION THIS MIGHT POSSIBLY BE ACCOMPLISHED BY MEANS OF INTERCHANGEABLE TIMING MOTORS. *reduction gear* 25X1
- E. SIX AND 12v DC OPERATION WITH EXTERNAL CONVERTERS FOR VARIOUS LINE CURRENTS. [REDACTED] EXPLAINED THAT THE PRESENT EQUIPMENT WOULD HAVE TO BE REDESIGNED FOR 6V OPERATION, AND THAT IT WOULD NOT FUNCTION AS EFFICIENTLY. HOWEVER, THIS FEATURE WOULD BE CONSIDERED IN FUTURE MODELS. 25X1

[REDACTED]

C/TSS/PSD

25X1

DISTRIBUTION:

- ORIG. & 1 - AC/TSS/R & D (THROUGH AC/TSS/TA)
- 1 - TSS/SRB
- 2 - TSS/PSD/FILES

TSS/PSD [REDACTED] :GG

25X1

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